

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

GROOTHUIS, DAVIS SCOTT et al.

Serial No. :

Filed:

VEHICLE MEASURING SYSTEM

Docket No. 30694

Group Art Unit No.

Examiner:

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

Transmitted herewith are two sets of CDROMs, each CDROM set consisting of two CDROMs. The machine format for each CDROM is IBM-PC, and the operating system compatibility is Windows NT.

The CDROM of each set having the files in ASCII format has the files set forth on the attached CDROM Table in ASCII Format. The CDROM of each set having the files in Executable format has the files set forth on the attached CDROM Table in Executable Format.

Respectfully submitted,

By 

John M. Collins, Reg. No. 26,262  
2405 Grand Boulevard, Suite 400  
Kansas City, Missouri 64108  
816/474-9050

ATTORNEYS FOR APPLICANT(S)

# CDROM Table in ASCII Format

11/30/00	01:04p	<DIR>	.
11/30/00	01:04p	<DIR>	..
04/25/00	11:57p		33 -----C-----
04/25/00	11:57p		33 -----H-----
04/25/00	11:57p		33 -----UIR-----
04/25/00	11:57p		33 1.BEN
04/25/00	10:48p		342 18.BEN
11/21/00	08:35a		588 403.bin
11/28/00	01:21p		156,130 ADDR_CMP.SCH.DXF
09/20/00	11:07a		10,820 ALIGN.C
03/19/00	10:15a		3,562 AUDIT.C
11/28/00	01:22p		93,871 BAUD192.SCH.DXF
09/27/00	11:19a		9,862 BENCH.C
11/28/00	03:20p		321,078 BenchCal.bmp
03/24/00	06:02p		1,492 BIGHUB.C
11/28/00	01:22p		164,601 BUFFER3.SCH.DXF
04/30/00	01:39a		2,448 CAL.CSV
03/19/00	06:16p		12,105 CALCTGTS.C
10/03/00	09:05p		14,066 CALVIEW.C
11/28/00	01:23p		150,508 CAPTURE.SCH.DXF
11/28/00	01:23p		150,508 CAPTURE1.SCH.DXF
05/09/00	08:45a		1,334 CCW.BMP
09/26/00	11:26a		6,065 CHIEFEYE.C
11/21/00	09:00a		192 ChiefEye.cfg
11/21/00	09:00a		367,104 CHIEFEYE.EXE
11/21/00	08:44a		12,602 CHIEFEYE.H
11/21/00	09:11a		25,538 CHIEFEYE.PRJ
08/03/00	09:42a		192 CHIEFEYE1.CFG
11/28/00	01:21p		240,661 CHIEF.SCH.DXF
11/28/00	01:23p		210,853 CNTREAD.SCH.DXF
11/28/00	01:23p		74,013 CNTR.SCH.DXF
11/28/00	01:24p		227,681 CNTWRT.SCH.DXF
11/14/00	04:05p		3,229 COMM.C
11/21/00	09:12a		8,478 CONFIG.h
11/21/00	09:12a		32,166 CONFIG.UIR
05/09/00	08:45a		1,334 CW.BMP
11/14/00	03:59p		11,605 DATABASE.C
11/27/00	01:25p		2,877 dataLog.cpp
11/27/00	01:25p		2,290 dataLog.h
10/16/00	09:31p		1,821 DataLogForm.dfm
11/27/00	01:25p		3,885 DataLogForm.h
10/27/99	05:56p		989 DEBUG.C
11/28/00	01:24p		14,750 DEBUG.SCH.DXF
10/09/00	01:44p		594 DEFAULT.BEN
11/14/00	10:06a		492 detector.bin
11/27/00	01:25p		1,099 dlldefs.h
11/28/00	01:24p		181,289 ENCODER.SCH.DXF

05/10/00	09:31a	42	ENCRYPT.C
11/27/00	01:25p	3,606	errors.h
11/23/99	12:06a	1,078	EYE.ICO
11/18/00	04:14p	4,526	FCNPROTO.H
11/28/00	01:24p	23,146	FIFO_RD.SCH.DXF
11/28/00	01:24p	296,349	FIFO_WR.SCH.DXF
10/16/00	09:31p	815	File1.txt
08/17/99	07:21a	958	FILEUTLS.C
08/17/99	07:09a	152	FILEUTLS.H
11/28/00	01:25p	45,061	FILTER1.SCH.DXF
11/28/00	01:25p	45,061	FILTER2.SCH.DXF
11/28/00	01:26p	45,061	FILTER3.SCH.DXF
11/28/00	01:26p	45,061	FILTER4.SCH.DXF
11/27/00	01:25p	4,376	FindPortForm.cpp
10/16/00	09:31p	3,787	FindPortForm.dfm
11/27/00	01:25p	1,876	FindPortForm.h
08/30/99	04:30p	9,493	FINDTGTS.C
08/03/00	10:46a	227,840	front&back_v3c
WS_start.xls			
08/10/00	09:22a	69	frontkey.h
08/10/00	09:22a	200,704	frontmip.dll
10/12/99	09:27p	16,534	frontmip.h
08/10/00	09:22a	40,398	frontmip.lib
04/13/97	03:24p	1,891	HEX.H
09/20/00	11:11a	21,781	HGTVIEW.C
08/03/00	10:03a	21,002	HGTVIEW_SOLVER.C
11/28/00	03:19p	321,078	HistogramView.bmp
01/04/00	08:29p	6,911	HISTVIEW.C
11/27/00	01:25p	32,204	Hub.cpp
11/27/00	01:25p	13,714	Hub.h
08/02/00	10:44a	3,362	HubGraph.h
08/03/00	03:30p	11,256	HubGraph.uir
10/16/00	09:31p	3,915	hubinsert.txt
08/01/00	01:28p	9,141	hubsupport.c
11/28/00	03:21p	321,078	HubTest.bmp
08/02/00	10:44a	14,190	Hubtest.c
11/28/00	03:18p	321,078	HubView.bmp
11/30/00	01:04p	<DIR>	images
11/28/00	01:27p	299,199	INPUT.SCH.DXF
05/04/00	05:10p	1,001	JUNK.C
06/23/00	01:24p	2,044	junk.ini
10/03/00	06:55p	2,044	k.ini
11/28/00	03:19p	321,078	LargeView.bmp
11/28/00	01:27p	104,481	LATCH3.SCH.DXF
10/03/00	09:42p	2,044	legacy.ini
11/27/00	01:25p	6,161	Livetarg.cpp
11/27/00	01:25p	4,637	Livetarg.h
11/27/00	01:25p	6,196	LiveTargets.cpp
11/27/00	01:25p	3,664	LiveTargets.h
09/20/00	08:50a	11,769	LZRVIEW.C

10/09/00 01:52p  
 11/20/00 04:16p  
 11/20/00 04:31p  
 04/25/00 09:53p  
 11/27/00 01:25p  
 11/28/00 01:27p  
 11/21/00 08:44a  
 11/28/00 03:19p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/30/00 01:04p  
 11/27/00 01:25p  
 10/16/00 09:31p  
 11/27/00 01:25p  
 11/18/00 03:34p  
 10/11/99 07:14p  
 11/27/00 01:25p  
 11/28/00 01:28p  
 10/03/00 06:52p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/28/00 01:28p  
 12/01/99 07:23p  
 08/29/99 01:43p  
 05/08/00 01:16p  
 05/09/00 04:54p  
 05/09/00 04:56p  
 05/09/00 04:57p  
 10/03/00 07:00p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 01:09p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 12:40p  
 11/27/00 01:25p  
 11/21/00 04:38p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 12:40p  
 11/27/00 01:25p  
 11/27/00 01:25p  
 11/27/00 12:40p  
 11/27/00 01:25p  
 11/27/00 01:25p

<DIR>

29,574 MAIN.C  
 34,361 MAIN.h  
 235,173 MAIN.UIR  
 27,191 MAIN\_B~1.H  
 2,658 moreowl.h  
 162,394 MOTORS.SCH.DXF  
 13,997 NewType8.c  
 321,078 ParamView.bmp  
 9,655 Parkfile.cpp  
 6,222 Parkfile.h  
 Program Files  
 784 Progress.cpp  
 447 Progress.dfm  
 1,069 Progress.h  
 2,627 RADIO.C  
 348 RADIO.H  
 1,994 RawSourc.h  
 68,371 RCVDELAY.SCH.DXF  
 2,049 readl.ini  
 2,840 ReadThread.cpp  
 1,033 ReadThread.h  
 327,180 RECV.SCH.DXF  
 4,096 REPORTS.C  
 451 REPORTS.H  
 2,448 ROBIN.CSV  
 2,044 ROBIN1.INI  
 2,044 ROBIN2.INI  
 2,044 ROBIN3.INI  
 2,044 robin4.ini  
 1,876 RodLength.cpp  
 1,019 RodLength.h  
 1,178 RodLength1.cpp  
 940 RodLength1.h  
 4,752 ScanDriver.bpr  
 3,586 ScanDriver.cpp  
 13,108 ScanErrs.cpp  
 2,089 ScanErrs.h  
 68,950 scanner.cpp  
 14,045 scanner.h  
 5,880 Scanner.rh  
 31,767 ScannerCfg.cpp  
 9,512 ScannerForm.dfm  
 8,024 ScannerCfg.h  
 36,135 ScannerForm.cpp  
 1,415 ScannerView.dfm  
 6,689 ScannerForm.h  
 46,947 ScannerView.cpp  
 1,415 ScannerView2.dfm  
 2,207 ScannerImports.h  
 46,947 ScannerView2.cpp

11/27/00	01:25p		6,975	ScannerView.h
11/27/00	01:25p		6,975	ScannerView2.h
11/27/00	01:25p		7,407	ScanSetup.cpp
10/16/00	09:31p		6,245	ScanSetup.dfm
11/27/00	01:25p		1,829	ScanSetup.h
10/16/00	09:31p		5,243	ScanStart.cpp
10/16/00	09:31p		4,443	ScanStart.dfm
11/27/00	01:25p		2,237	ScanStart.h
11/27/00	01:25p		390	scanStatus.h
11/27/00	01:25p		1,569	ScanThread.cpp
11/27/00	01:25p		888	ScanThread.h
10/16/00	09:31p		46,266	ScanView.cpp
10/16/00	09:31p		15,919	ScanView.dfm
11/27/00	01:25p		7,077	ScanView.h
10/16/00	09:31p		51,432	ScanView2.cpp
05/09/00	08:29a		1,334	SCREW.BMP
11/27/00	01:25p		11,149	Serial.cpp
11/27/00	01:25p		3,967	Serial.h
10/25/99	10:35a		1,954	SETUP.C
08/10/00	01:33p		22,376	SOLVER.C
09/27/00	11:16a		2,307	SOLVER.H
05/31/00	02:47p		4,433	SOLVER.PRJ
09/27/00	10:35p		27,107	SOLVERCVI.C
09/27/00	11:15a		2,978	SOLVERCVI.H
08/03/00	10:02a		9,748	SOLVERTEST.C
05/02/00	10:03a		178	SOLVERVCC.H
08/02/00	01:47p		9,019	SOLVERTEST_CONST.C
06/01/00	10:41a		13,821	SOLVERTEST_CVI.C
08/01/00	10:49a		3,492	Stkmask.c
11/20/00	07:15p		21,166	STKVIEW.C
11/28/00	03:16p		321,078	StrikeView.bmp
11/27/00	01:25p		5,228	TAGMESSG.H
11/27/00	01:25p		9,758	target.cpp
11/27/00	01:25p		3,717	target.h
11/20/00	04:04p		26,542	TARGETS.C
08/30/99	12:51p		994	TARGETS.H
08/30/99	12:51p		1,590	TARGETS.UIR
11/28/00	03:17p		321,078	TargetView.bmp
01/19/98	12:53a		1,078	TESTER.ICO
11/20/00	06:46p		6,681	TGTTYPE0.C
11/20/00	06:45p		14,661	TGTTYPE8.C
11/18/00	10:29p		8,037	TGTVIEW.C
01/07/00	01:09p		3,594	TGTYPTE1.C
01/13/98	05:16p		922	TYPES.H
11/30/00	01:04p	<DIR>		vers404
11/21/00	09:07a		3,925	VERSION.H
05/03/00	11:22a		607	WS.BEN
11/30/00	01:04p	<DIR>		XiLinuxDXF
11/28/00	01:28p		193,922	XMIT.SCH.DXF
		195 File(s)	8,206,191 bytes	

# CDROM Table in Executable Format

11/29/00	02:25p	<DIR>	.
11/29/00	02:25p	<DIR>	..
04/25/00	11:57p		33 -----H-----
04/25/00	11:57p		33 -----UIR-----
04/30/00	01:39a		2,448 CAL.CSV
03/19/00	06:16p		12,105 CALCTGTS.C
10/03/00	09:05p		14,066 CALVIEW.C
11/28/00	01:23p		150,508 CAPTURE.SCH.DXF
11/28/00	01:23p		150,508 CAPTURE1.SCH.DXF
05/09/00	08:45a		1,334 CCW.BMP
09/26/00	11:26a		6,065 CHIEFEYE.C
11/21/00	09:00a		192 ChiefEye.cfg
11/21/00	09:00a		367,104 CHIEFEYE.EXE
11/21/00	08:44a		12,602 CHIEFEYE.H
11/21/00	09:11a		25,538 CHIEFEYE.PRJ
08/03/00	09:42a		192 CHIEFEYE1.CFG
11/28/00	01:21p		240,661 CHIEF.SCH.DXF
11/28/00	01:23p		210,853 CNTREAD.SCH.DXF
11/28/00	01:23p		74,013 CNTR.SCH.DXF
11/28/00	01:24p		227,681 CNTWRT.SCH.DXF
11/14/00	04:05p		3,229 COMM.C
11/21/00	09:12a		8,478 CONFIG.h
11/21/00	09:12a		32,166 CONFIG.UIR
05/09/00	08:45a		1,334 CW.BMP
11/14/00	03:59p		11,605 DATABASE.C
10/27/99	05:56p		989 DEBUG.C
11/28/00	01:24p		14,750 DEBUG.SCH.DXF
10/09/00	01:44p		594 DEFAULT.BEN
11/14/00	10:06a		492 detector.bin
11/28/00	01:24p		181,289 ENCODER.SCH.DXF
05/10/00	09:31a		42 ENCRYPT.C
11/23/99	12:06a		1,078 EYE.ICO
11/18/00	04:14p		4,526 FCNPROTO.H
11/28/00	01:24p		23,146 FIFO_RD.SCH.DXF
11/28/00	01:24p		296,349 FIFO_WR.SCH.DXF
08/17/99	07:21a		958 FILEUTLS.C
08/17/99	07:09a		152 FILEUTLS.H
11/28/00	01:25p		45,061 FILTER1.SCH.DXF
11/28/00	01:25p		45,061 FILTER2.SCH.DXF
11/28/00	01:26p		45,061 FILTER3.SCH.DXF
11/28/00	01:26p		45,061 FILTER4.SCH.DXF
08/30/99	04:30p		9,493 FINDTGTS.C
08/03/00	10:46a		227,840 front&back_v3c
WS_start.xls			
08/10/00	09:22a		69 frontkey.h
08/10/00	09:22a		200,704 frontmip.dll
10/12/99	09:27p		16,534 frontmip.h

11/29/00 02:25p <DIR> .  
 11/29/00 02:25p <DIR> ..  
 04/25/00 11:57p 33 -----H-----  
 04/25/00 11:57p 33 -----UIR-----  
 04/30/00 01:39a 2,448 CAL.CSV  
 03/19/00 06:16p 12,105 CALCTGTS.C  
 10/03/00 09:05p 14,066 CALVIEW.C  
 11/28/00 01:23p 150,508 CAPTURE.SCH.DXF  
 11/28/00 01:23p 150,508 CAPTURE1.SCH.DXF  
 05/09/00 08:45a 1,334 CCW.BMP  
 09/26/00 11:26a 6,065 CHIEFEYE.C  
 11/21/00 09:00a 192 ChiefEye.cfg  
 11/21/00 09:00a 367,104 CHIEFEYE.EXE  
 11/21/00 08:44a 12,602 CHIEFEYE.H  
 11/21/00 09:11a 25,538 CHIEFEYE.PRJ  
 08/03/00 09:42a 192 CHIEFEYE1.CFG  
 11/28/00 01:21p 240,661 CHIEF.SCH.DXF  
 11/28/00 01:23p 210,853 CNTREAD.SCH.DXF  
 11/28/00 01:23p 74,013 CNTR.SCH.DXF  
 11/28/00 01:24p 227,681 CNTWRT.SCH.DXF  
 11/14/00 04:05p 3,229 COMM.C  
 11/21/00 09:12a 8,478 CONFIG.h  
 11/21/00 09:12a 32,166 CONFIG.UIR  
 05/09/00 08:45a 1,334 CW.BMP  
 11/14/00 03:59p 11,605 DATABASE.C  
 10/27/99 05:56p 989 DEBUG.C  
 11/28/00 01:24p 14,750 DEBUG.SCH.DXF  
 10/09/00 01:44p 594 DEFAULT.BEN  
 11/14/00 10:06a 492 detector.bin  
 11/28/00 01:24p 181,289 ENCODER.SCH.DXF  
 05/10/00 09:31a 42 ENCRYPT.C  
 11/23/99 12:06a 1,078 EYE.ICO  
 11/18/00 04:14p 4,526 FCNPROTO.H  
 11/28/00 01:24p 23,146 FIFO\_RD.SCH.DXF  
 11/28/00 01:24p 296,349 FIFO\_WR.SCH.DXF  
 08/17/99 07:21a 958 FILEUTLS.C  
 08/17/99 07:09a 152 FILEUTLS.H  
 11/28/00 01:25p 45,061 FILTER1.SCH.DXF  
 11/28/00 01:25p 45,061 FILTER2.SCH.DXF  
 11/28/00 01:26p 45,061 FILTER3.SCH.DXF  
 11/28/00 01:26p 45,061 FILTER4.SCH.DXF  
 08/30/99 04:30p 9,493 FINDTGTS.C  
 08/03/00 10:46a 227,840 front&back\_v3c  
 WS\_start.xls  
 08/10/00 09:22a 69 frontkey.h  
 08/10/00 09:22a 200,704 frontmip.dll  
 10/12/99 09:27p 16,534 frontmip.h

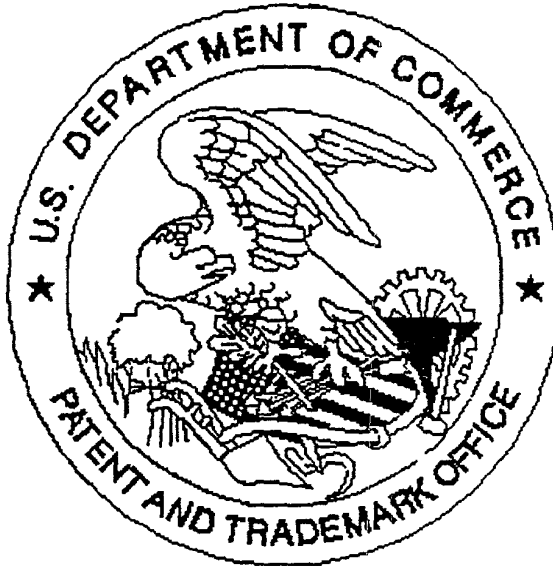
08/10/00 09:22a  
 04/13/97 03:24p  
 09/20/00 11:11a  
 08/03/00 10:03a  
 11/28/00 03:19p  
 01/04/00 08:29p  
 08/02/00 10:44a  
 08/03/00 03:30p  
 08/01/00 01:28p  
 11/28/00 03:21p  
 08/02/00 10:44a  
 11/28/00 03:18p  
 11/28/00 01:27p  
 05/04/00 05:10p  
 06/23/00 01:24p  
 10/03/00 06:55p  
 11/28/00 03:19p  
 11/28/00 01:27p  
 10/03/00 09:42p  
 09/20/00 08:50a  
 10/09/00 01:52p  
 11/20/00 04:16p  
 11/20/00 04:31p  
 04/25/00 09:53p  
 11/28/00 01:27p  
 11/21/00 08:44a  
 11/28/00 03:19p  
 11/18/00 03:34p  
 10/11/99 07:14p  
 11/28/00 01:28p  
 10/03/00 06:52p  
 11/28/00 01:28p  
 12/01/99 07:23p  
 08/29/99 01:43p  
 05/08/00 01:16p  
 05/09/00 04:54p  
 05/09/00 04:56p  
 05/09/00 04:57p  
 10/03/00 07:00p  
 05/09/00 08:29a  
 10/25/99 10:35a  
 08/10/00 01:33p  
 09/27/00 11:16a  
 05/31/00 02:47p  
 09/27/00 10:35p  
 09/27/00 11:15a  
 08/03/00 10:02a  
 05/02/00 10:03a  
 08/02/00 01:47p  
 06/01/00 10:41a

40,398 frontmip.lib  
 1,891 HEX.H  
 21,781 HGTVIEW.C  
 21,002 HGTVIEW\_SOLVER.C  
 321,078 HistogramView.bmp  
 6,911 HISTVIEW.C  
 3,362 HubGraph.h  
 11,256 HubGraph.uir  
 9,141 hubsupport.c  
 321,078 HubTest.bmp  
 14,190 Hubtest.c  
 321,078 HubView.bmp  
 299,199 INPUT.SCH.DXF  
 1,001 JUNK.C  
 2,044 junk.ini  
 2,044 k.ini  
 321,078 LargeView.bmp  
 104,481 LATCH3.SCH.DXF  
 2,044 legacy.ini  
 11,769 LZRVIEW.C  
 29,574 MAIN.C  
 34,361 MAIN.h  
 235,173 MAIN.UIR  
 27,191 MAIN\_B~1.H  
 162,394 MOTORS.SCH.DXF  
 13,997 NewType8.c  
 321,078 ParamView.bmp  
 2,627 RADIO.C  
 348 RADIO.H  
 68,371 RCVDELAY.SCH.DXF  
 2,049 read1.ini  
 327,180 RECV.SCH.DXF  
 4,096 REPORTS.C  
 451 REPORTS.H  
 2,448 ROBIN.CSV  
 2,044 ROBIN1.INI  
 2,044 ROBIN2.INI  
 2,044 ROBIN3.INI  
 2,044 robin4.ini  
 1,334 SCREW.BMP  
 1,954 SETUP.C  
 22,376 SOLVER.C  
 2,307 SOLVER.H  
 4,433 SOLVER.PRJ  
 27,107 SOLVERCVI.C  
 2,978 SOLVERCVI.H  
 9,748 SOLVERTEST.C  
 178 SOLVERVCC.H  
 9,019 SOLVERTEST\_CONST.C  
 13,821 SOLVERTEST\_CVI.C





United States Patent & Trademark Office  
Office of Initial Patent Examination -- Scanning Division



Application deficiencies found during scanning:

☒ Page(s) \_\_\_\_\_ of Express mail were not present  
for scanning. (Document title)

☐ Page(s) \_\_\_\_\_ of \_\_\_\_\_ were not present  
for scanning. (Document title)

☐ *Scanned copy is best available.*